

# **Commercial Motor**

**Volume 129**

**FEBRUARY 1969  
TO  
JULY 1969**

**TEMPLE PRESS LIMITED**  
Bowling Green Lane  
LONDON, E.C.1

# Index to Volume 129

(Dates of Issue are indicated in parentheses)

## A

Abercrombie and Co. Ltd., Licence Suspension Inquiry, 41 (13/6)  
 Aberystwyth, Licence Suspension Inquiry, 31 (25/7)  
 Accident Procedures, Article by Les Oldridge, 45 (30/5)  
 AEC Marshal 24-ton-gross Eight-wheeler, Road Test and Operational Trial, 40/44\* (4/4)  
 Mercury 16-ton-gross Four-wheeler, Road Test, 208-210\*, 213\*, 214\* (20/6)  
 Specification Tables, 9, 39, 40 (20/6)  
 Air Conditioning Unit, Airlux, 59 (30/5)  
 Aircraft Loader, Ratcliff-Locomotors, 41\* (27/6)  
 Albion Specification Tables, 7, 8 (20/6)  
 Expansion Plan, 28 (9/5)  
 Alexander, Charles, and Partners (Transport) Ltd., Views of British Leyland, 79-81\* (20/6)  
 Allen's Motor Service Acquired by G. Howlett and Son Ltd., 47 (6/6)  
 Allied Suppliers (Transport) Ltd., Article by Iain Sherriff, 64-66\* (4/7)  
 Allisons Freightlines Ltd., Amalgamated Rubber Debenture Payments, 36 (7/2)  
 Driver Training School, 40 (6/6)  
 Takeover Offer from Amalgamated Rubber, 15 (30/5)  
 Altrincham Coachways Ltd., Licence Application, 197 (20/6)  
 Ambulance, Commer KC60, 39\* (25/4)  
 Ambulance Preservation Guild, 68 (9/5)  
 America, *see* USA  
 Anderson, James, and King Ltd., Licence Application, 30 (21/2)  
 Anderson, Robert, Ltd., Licence Suspension Inquiry, 41 (13/6)  
 Angus (Haulage) Ltd., Licence Application, 30 (21/2)  
 Antwerp, Kleine Ring, 32\* (13/6)  
 Anwyll, J., Ltd., Licence Application, 46 (11/4)  
 Appeals (Ministry of Transport):—  
     Hill's (Tredegar) Ltd., 37 (21/3)  
 Appeals (Transport Tribunal):—  
     Barnett and Graham Ltd., 40 (7/2), 40 (14/2), 41 (13/6), 28 (4/7)  
     Baulds Transport Ltd., 30 (25/7)  
     Caldwell, Gordon B., Ltd., 32 (21/3)  
     Clearers (South East) Ltd., 38 (25/4), 34 (9/5)  
     Cook, Siddle C., Ltd., 49 (6/6), 44 (4/7)  
     Currie Line Ltd., 32 (21/3), 36 (18/4)  
     Hattton, Phillip, 31 (11/7), 30 (25/7)  
     Hoggart, Percy, 30 (25/7)  
     Larrow Transport Ltd., 30 (11/7), 29 (25/7)  
     Walker Bros. Ltd., 32 (21/3)  
 Armstrong, W., (Westerhope) Ltd., Licence Application, 28 (28/3)  
 Articulated Vehicles:—  
     Maximum Weight Increase Proposals, 28 (4/7)  
     Roll-over Risks, Article by C. D. Cater, 56-59\* (18/4)  
     Stability Trials Sought, 18 (25/7)  
     Tanker Stability, Gloster Saro Report, 54, 55 (7/2)  
 Ashton-under-Lyne, Fare Boxes, 64-66\* (14/3)  
 o-m-o Double-deckers, 33\* (18/4)  
 Association of Industrial Road Safety Officers, 32 (13/6)  
 Atkinson Specification Changes, 40 (18/7)  
 T.3246XB Tractive Unit, 23\* (27/6)  
 York 42-ton-gross Five-axle Artic, Operational Trial and Road Test, 40-43\* (21/2)  
 Atlas Express Ltd., Ipswich Depot, 25\* (21/3)  
 New Training Centre, 27 (11/7)  
 Austin Maxi Classified as Dual-purpose Vehicle, 27 (11/7)  
 8-cwt, Van Road Test, 36-38 (30/5)  
 Australia, International Container Exhibition, 21\*, 32 (25/7)  
 Road Train, 29\* (11/4)  
 Automobile Association, Continental Route Information, 70 (21/3)  
 Automotive Products Ltd., Antilok Anti-locking Brake System, RRL Report, 37 (21/2)

## B

Ball, J. R., Article on Mechanized Street Cleaning in Wandsworth, 65-67\* (13/6)  
 Barbour, Duncan, and Son Ltd., Licence Applications 38 (27/6), 38 (18/7)  
 Barcelona Show, 41 (25/4), 66\*, 67 (9/5)  
 Barnett and Graham Ltd., Appeal, 40 (7/2), 40 (14/2), 41 (13/6), 28 (4/7)  
 Licence Application, 23 (28/3)  
 Barrett, John, Licence Application, 43 (4/7)  
 Barton Transport Ltd., Article by Derek Moses, 54-56\* (11/7)  
 Fares, 29 (11/7)  
 Licence Application, 38 (25/4)  
 Batcheler, Mrs. Wendy, 43\* (25/4)  
 Batteries, Lucas CAV LCV12, 67 (25/7); Rootes Ramrod, 59 (21/2)

Battery Chargers, 63\* (21/2), 93\*, 94\*, 97\* (7/3)  
 Topping-up Device, Lucas Aqualok, 72\* (27/6)  
 Baulds Transport Ltd., Appeal, 30 (25/7)  
 Becont Low-loader Trials, 46 (7/2)  
 Bedford One-and-a-half-million Truck, 30\* (28/3)  
 Bedwelly UDC, Licence Suspension Inquiry, 47 (6/6)  
 Belfast, Annual Report, 32 (27/6)  
 Transportation Study, 46, 49 (25/4)  
 Bermondsey Cold Stores, Burtonwood Loading Bank Units, 58\* (23/5)  
 Bertram, Gavin, Licence Application, 54 (2/5)  
 B and I Line UK-Eire Groupage Service, 41 (11/4)  
 Birkenhead, Vittoria Dock Vehicle Reception System, 23\* (25/4)  
 Birmingham and Midland Motor Omnibus Co. Ltd., New Chairman, 56 (7/3)  
 Blackfriars Bridgehead Improvement, 190 (20/6)  
 Black and White Coaches, Article by Carolyn Hyams, 34\*, 35\* (30/5)  
 Blake, D. L. and Co. Ltd., Licence Application, 34 (9/5)  
 Bland, Peter, Article on Ashton-under-Lyne Fare Boxes, 64-66\* (14/3)  
 Block, Reg., Seminars for Transport Executives, 65, 66 (16/5), 73, 74 (23/5)  
 Blox Group, Views on Importance of Livery, 49\* (27/6)  
 Blox Refrigeration Services Ltd., Vehicles, 37\* (13/6)  
 Bodywork:—  
     Bodybuilders, Directory, 97-100 (2/5), 31 (16/5)  
     Demountable System, Multilift Multiloader, 31\* (28/2)  
     Frame Repair, Korek System, 60 (30/5)  
     Repair Tools, Survey, 85\*, 86 (7/3)  
 Bolton, Fares, 29 (28/2)  
 Books and Publications:—  
     "Commercial Vehicle Maintenance, Questions and Answers" by R. W. Bent, 42 (9/5)  
     "Containerisation Data Book", 1969, 45 (7/3)  
     "Discovering Traction Engines", by Harold Bonner, 33 (30/5)  
     "Freight Transport Association Yearbook", 23 (21/2)  
     "Gears and Transmissions", 66 (25/7)  
     "The Little Red Book", 22 (30/5)  
     "The Observer's Fighting Vehicles Directory", by Bert H. Vanderven, 45 (27/6)  
     "Related Subjects for Motor Vehicle Mechanics", by D. Keen, 42 (9/5)  
     "Trader Handbook", 60 (30/5)  
 Borthwick, John, Ltd., Licence Suspension Inquiry, 38 (18/7)  
 Bowyers (Wiltshire) Ltd., Transport Operations, 72-74 (4/7)  
 Bradford Hauliers Group Training Association, 186 (20/6)  
 Brakes and Braking:—  
     Anti-locking System, Automotive Products Antilok, RRL Report, 37 (21/2)  
     Pin Extractor, Moss Gear Co., 71\* (21/3)  
     Slack Adjuster, Clayton Dewandre, 37\* (21/2)  
     Spring-brake Actuator, Clayton Dewandre, 57\* (7/3)  
     Testers, Flexibox, 103 (13/6); Kismet/King, 42\* (14/2)  
 Bravery Awards, 24 (21/3)  
 Brennans Road Services Ltd., Licence Application, 32 (21/2)  
 Bristol Commercial Vehicles Ltd., LH, Southern Vectis, 28\* (11/7)  
 RELL Single-deckers, Liverpool, 31\* (25/4)  
 RESL o-m-o Single-deckers, Lancashire United Transport Ltd., 50\* (7/3)  
 British Association of Overseas Furniture Removers, Study Conference, 48-50 (9/5)  
 British Coach Rally, 44\*, 45\* (25/4)  
 British Leyland Motor Corporation:—  
     Board Appointments, 37 (25/4)  
     Central Engineering Department, 27 (11/7)  
     National Bus Company Joint Company, 22, 23 (18/7)  
     Truck and Bus Operator's Supplement, 1 *et seq.* (20/6)  
 British Motor Corporation:—  
     Mastiff V-8 Range, 55-58\* (14/3); 16-ton-gross Truck, Road Test, 48-52\* (21/3); Pitt 26-ton-gross Artic Road, Test and Operational Trial, 38-40\*, 43, 44\* (25/7); Primrose Six-wheeler, 46\* (13/6)  
     Specification Tables, 42 (20/6)  
     350 EA, "Par-cab" Assembly, 38 (23/5); Diesel Van, Road Test, 69-71\* (7/3)  
 British Oxygen Co. Ltd., Investment Grant Test Case, 22 (21/2)  
 Productivity Deal, 20 (21/2)  
 British Railways Board, Annual Report, 30 (6/6)  
 British Road Federation, Basic Road Statistics, 26 (18/7)  
 Criticism of Trunk Roads Scheme, 30 (13/6)  
 Road Financing Proposals Rejected, 18 (4/4)  
 British Road Services:—  
     Overnight Express Ltd., 34 (7/7), 31 (13/6)  
     Parcels Rates Increase, 20 (23/5)  
     Productivity Agreement, 22 (5/4), 28 (6/6)

\*Illustrations

British Ropes Ltd., Securing Devices, 79\*, 80\* (4/7)  
 British Trailer Co. Ltd., Adjustable Fifth-wheel Coupling, 57\* (7/3)  
 British Vehicles for the World, 102 *et seq.* (2/5)  
 British Vita Co. Ltd., Transport Division, 202-204\* (20/6), 52 (4/7)  
 Brockington, Paul, Articles by:—  
     British-built Diesels, 60-63\* (2/5)  
     British Leyland Engine Development Programme 62, 63\* (20/6)  
     Container Damage and Repair, 114-116\* (7/3)  
     Hydraulic Platforms, 84-86\* (13/6)  
     Pressure Discharge Vehicles, 56-58\* (7/2)  
     Trailer Vans, 60-63\* (4/7)  
 Brooks, E. and A.E., Licence Application, 31 (11/7)  
 Budget, 25, 30 (18/4)  
 Buffers, Berry's Tosler, 61\* (30/5)  
 Bulk Tipper (Cheshire) Ltd., 50-52\* (4/4)  
 Bulk Transport, 54 *et seq.* (7/2)  
 Bullock, F. Ltd., Licence Suspension Inquiry, 32 (23/5)  
 Bulwark Contracts Ltd., Ford D1000 Tractive Units for OCL, 56\* (14/2)  
 Burn Trust Ltd., Ford Box Vans, 22\* (25/4)  
 Burnholme and Forder Ltd., US Bid, 22 (14/2)  
 Buravoe, Frank, Article on Carriers' Licence Penalties, 62, 63 (6/6)  
 Burrows, Albert, Appointed Director-General, Merseyside PTE, 32\* (18/7)  
 Burton, F. and D., Licence Application, 45 (13/6)  
 Burtonwood Cleardock Tail Lift, 42\* (27/6)  
 Loading Bank Units, Bermondsey Cold Stores, 58\* (23/5)  
 Buses, *see* Public Service Vehicles  
 Business and Industrial Training Ltd., Seminars, 187 (20/6), 24 (27/6)  
 Bustard, Lt.-Col. Frank, 31\* (11/4)  
 Butlers Warehousing and Distribution Ltd., 216-218\* (20/6), 43 (11/7)  
 Button, H. F., Death, 26 (27/6)

## C

C and A Plant Services Ltd., Licence Application, 36 (18/4)  
 Cadbury's Freightmaster Vans, 36\* (4/7)  
 Caldwell, Gordon B., Ltd., Appeal, 32 (32/3)  
 Camping: Continental Coaching Holidays, 48\*, 49\* (4/4)  
 Carburetor Tuning, Colortune, 66\* (4/4)  
 Carriers Agency Ltd., Licence Application, 37 (27/6)  
 Cater, R. D., Articles by:—  
     British Leyland Vehicle Testing Programme, 91-93\* (20/6)  
     British Ropes Securing Devices, 79\*, 80\* (4/7)  
     Car of Pumps and Compressors on Liquid-carrying Road Tankers, 62-64\* (7/2)  
     Hoynor True Track, 50\*, 51\* (4/7)  
     Overhauling the Rubery-Owen M-series Trailer Suspension, 98-100 (7/5)  
     Roll-over Risks, 56-59\* (18/4)  
 CAV DPA Pumps on Dutch Leylands, 39 (4/4)  
 Central London Productivity Association, Seminar, 27 (14/3)  
 Central SMT, o-m-o Buses Agreement, 195 (20/6)  
 Chemical Tankers, Hazard Warning Card Scheme, 61 (7/2)  
 Clayton Dewandre R-type Spring-brake Actuator, 57\* (7/3)  
     Slack Adjuster, 37\* (21/2)  
 Cleaning, see Washing Equipment  
 Clearers (South East) Ltd., Appeal, 38 (25/4), 34 (9/5)  
 Clearing House, Conference Closes Down, 28, 29 (11/4)  
 Clearways, Law, 97 (13/6)  
 Clearly Contractors Ltd., Licence Application 32 (14/2)  
 Clyde Wharf Ltd., Container Repair, 114-116\* (7/3)  
 Coaches, *see* Public Service Vehicles  
 Coachwork Conversions, Ltd., Luton Mark II Van, 45\* (4/7)  
 Coal Merchants' Federation, Coal Handling Exhibition, 64\*, 65\* (23/5)  
 Colemans Low-chassis Demountable Removal Vans, 39\* (23/5)  
 Commer KC60 Ambulance, 39 (25/4)\*  
     Halmo 16-ton-gross Tractive Unit, 41 (25/4)  
 Commercial Motor Fleet Management Conference, 48, 49 (28/3)  
 Commercial Vehicle Repairs Ltd., Facilities, 61 (30/5)  
 Confederation of British Industry Annual Report, 22 (23/5)  
 Consultancy Grants, 22 (21/2)  
 Containers:—  
     Able Bodywork, 29\* (14/3)  
     Australian Exhibition, 21\*, 32 (25/7)  
     College of Production Technology Conference, 23 (28/2), 36 (4/7)  
     ConCargo, 68\* (13/6), 55 (18/7)  
     Cravens Homalloy Fold-flat, 23\* (4/4)  
     Cravens Homalloy "Open Top" 27\* (21/2)

"Containerisation Data Book", 1969, 45 (7/3)

Customs Documentation, 43 (11/7)

Damage and Repair, 114-116\* (7/3)

Duramin Refrigerated, 29\* (21/3)

Handling, Docks Disputes, 30 (4/7), 22 (11/7)

Hauliers and Containerization, Article by Norman H. Tilsley, 52-54\* (28/2)

Loading Conveyor System, Hydro-Auto, 50\* (14/3)

Nessfield, 48 (7/2)

Side-loading, 17\* (30/5)

Stacking, MAFI Porta-Lift, 31 (28/2)

Traffic, National Ports Council Report, 89, 90 (11/4)

Transfer Terminals, Paper by Sir Anthony Evans, 190 (20/6)

US Statistics, 55 (18/7)

US Truckers' Difficulties, 38 (7/2)

York, 29 (14/1)

Continental Operations, *see* Europe

Conveyor, Industrial, Lister, PL14, 100\* (13/6)

Cook Contractors Ltd., Licence Suspension Inquiry, 32 (14/2)

Cook, Siddle C., Ltd., Appeal, 49 (6/6), 44 (4/7)

Cooling System Corrosion Detector, Corometer, 75\* (16/5)

Coras Iompair Eireann, Survey, 39 (13/6)

Correspondence:—

- BLMC Service and Spares, 47 (16/5), 54 (30/5)
- BRS Marketing Philosophy, 62 (18/7)
- Bus Speedometers, 60 (4/4)
- Cambered Axles, 78 (4/7)
- Cleansing Methods, 67 (14/3)
- Contract Maintenance, 47 (16/5)
- Costing Techniques, 58 (23/5)
- Education in Road Transport, 67 (14/3)
- European Freight Exchange, 59 (21/3)
- Licensing and Law, 59 (21/3)
- Licensing and the Smaller Haulier, 66 (14/3)
- Lights in Fog, 120 (7/3)
- London Transport Flat-fare Feeder Services, 53 (7/2)
- Newcastle and the PTA, 39 (21/2)
- Pallet Pool Organization, 78 (4/7)
- Road Accidents, 43 (18/4)
- Shop Stewards, 53 (7/2)
- Stability of Artics on Roundabouts, 39 (21/2)
- Testing of Historic Vehicles, 55 (18/7)
- TIR Containers, 43 (18/4)
- Trailer Stability, 120 (7/3)
- Twin-steered Vehicles, 53 (11/4)

Corrosion Detector, Corometer, 75\* (16/5)

Costing:—

- "Counting the Cost" Series, 44-47 (11/7), 47-49 (18/7), 50-52 (25/7)
- Paper by P. W. Reed, 79 (6/6)

Coupling, Flexible, Metastream, 103 (13/6)

Courier Express, Parcels Service, 35 (4/7)

Court Cases:—

- Bank Overdraft Guarantee, Solly Davis, 30, 31 (6/6), 31 (13/6)
- Burst Tyre Coach Crash, 41 (14/3)
- Conspiracy, 30 (11/4), 28 (18/4), 22 (25/4), 201 (20/6)
- Cyclist Injured by Tipper Lorries, 26 (18/7)
- Defective Vehicle, 36 (7/2)
- Diesel Fuel Adulterated with Petrol, 26 (9/5)
- Drivers' Hours and Records, 26 (28/2), 47 (2/5), 41, 45 (13/6), 197 (20/6), 30, 44 (4/7)
- Exceeding B-licence Radius, 36 (18/4)
- Excessive Weight Prosecutions, 44 (7/3)
- False Statement to Obtain p.s.v. Conductor's Licence, 45 (11/4)
- Haulage Director Responsible for Deaths by Dangerous Driving, 16 (28/2), 24 (21/3)
- Illegal Carriage of Fly Ash, 24 (28/3)
- Lorry Fire Action, Appeal Court Decision, 46 (7/3)
- Overloading, 41 (6/6), 45 (13/6), 189 (20/6)
- Passenger Accident Damages, Sunderland Corporation, 31 (4/4)
- Plating and Testing, 42 (2/5) 38 (18/7)
- Tyre Dangerous, 49 (14/3)
- Tyre Ruled Unsuitable in Crash Case, 31 (21/3)
- Vehicles Eligible for Investment Cash Grants, 22 (21/2)

Courtburn Positioners Ltd., 198\* (20/6)

Courtney, J., Licence Suspension Inquiry, 32 (23/5)

Crane Fruehauf Trailers Ltd., Barking Depot, 23 (23/5)

Board Appointment, 30 (28/2), 28 (25/7)

Open-top Van Semi-trailers, 40\* (23/5)

Rubery Owen-Rockwell Axles Standard, 25\* (14/3)

35 ft. Refrigerated Vans, 27\* (30/5)

Cranes, Survey, 86\*, 89\*, 90 (3/3); HF Gem, 65\* (11/7); Ledger Electricrane, 40\* (23/5)

Cranfield, Materials Handling Research Unit, 51, 52 (30/5)

Symposium on Auxiliary Power Services, 32, 33 (11/7), 43, 44 (18/7)

Cranford Engineering Co. Ltd., Bulk Body, 41\* (21/3)

Trailer Range, 40\* (18/7)

Cravens Homalloy Fold-flat Containers, 23\* (4/4)

"Open Top" Containers, 27\* (21/2)

Crossland, Leonard, Knightwood, 185 (20/6)

Crossville Motor Services Ltd., Investiture Souvenir Bus Ticket, 21\* (30/5)

Licence Application, 40 (16/5)

Crow Carrying Co. Ltd., Barking Depot, 22\* (4/4)

C.T.H. Transport (Nessfield) Ltd., Licence Application, 38 (27/6)

Cummins ReCon Exchange Scheme, 42 (25/4)

Currie Ltd., Appeal, 32 (21/3), 36 (18/4)

Customs New Draft ICT Convention, 22 (27/6)

Cyprien-Jox Management Course, 25 (18/7)

**D**

Dabell, Christopher T., Views on Independent Bus and Coach Operators in Britain, 50, 51 (21/2)

Daimler Fleetline, Orders, 22 (30/5), 31\* (18/7); Park Royal 9-metre Double-deckers, 33\* (27/6)

Specification Tables, 47 (20/6)

Danish Bacon, Specialized Mechanical Handling for Refrigerated Loads, 51\* (23/5)

Darker, John, Articles by:—

- Kangaroos Services, 66-68\* (11/4)
- Management Matters, *see main entry*
- National Carbonising Co. Ltd., 53-55\* (28/3)

Dart Containerline Co. Ltd., 41 (11/4)

Davall Autoweight Portable Weighbridges, 41\* (25/4), 55 (2/5)

Davis Group, Licence Applications, 22, 23, 38 (21/3)

Davis Solly, Bank Overdraft, 30, 31 (6/6), 31 (13/6)

Davison, A. and J. R., Licence Application, 40 (9/5), 40 (16/5)

Decimilization, *see* Metrification

Dennis Bros., Resignation of Managing Director, 44 (16/5), 29 (13/6)

FD4 Ambulance, Road Test, 52-54\*, 57\* (13/6)

Tecalmit Meger off, 29 (6/6)

Dial-Holmes Recovery Vehicles, 38\* (23/5)

Diesels, *see* Engines

Differential, Controlled-slip, B-T, 30 (13/6)

Distribution in the 1970s, Management Studies Centre Ltd., Conference, 24 (25/4)

Dixon, C. A., Appointed Industrial Relations Officer, RHA, 20 (14/2)

Dixon-Bate Rubbaco Load Control, 70 (21/3)

Dixon's World Wide Travel, Licence Application, 38 (27/6)

Dobson, W. (Edinburgh) Ltd., Licence Application, 52 (7/3)

Dodge K Series Re-launched, 40\*, 41\* (21/3)

Dodsworth, J. Ltd., Licence Application, 35 (18/4)

Doig's Tours (Greenock) Ltd., Licence Application, 35 (18/4)

Donnelly, J. P., Licence Application, 25 (30/5)

Doors, Overhead, Aldam Coburn, 59\* (21/2)

Dowty Hydrodynamic Oil Seal, 41 (9/5)

Drills, Moxey, 69\* (21/3); SKIL, 70\* (21/3)

Driving:—

- Hours, Law, 106 (4/7), 61 (11/7), 49 (18/7), 63 (25/7); PVOA Memorandum, 25, 41 (14/3); Reduction Not to be Linked to Tachographs, 24 (18/4); Prosecutions, *see* Court Cases
- Licences, Disqualification, Law, 159 (2/5); Endorsement, Law, 76 (23/5), 57 (30/5); Heavy Goods Vehicles, 14 (28/2), 28 (14/3), 14 (28/3), 31 (4/7), 26 (18/7); Compulsory From February 1970, 20, 21 (25/7)
- Medical Checks, Proposed International Rules, 20 (14/2); Corres., 39 (21/2)
- Tests, New Regulations, 28 (14/3), 40 (6/6)
- Training, Allisons Freightlines Ltd., 40 (6/6); S. Jones Ltd., 26\* (21/3); McVeigh Transport Ltd., 14 (28/3); Motec 1, 47 et seq (28/2); Plessey Co. Ltd., 27 (18/4)

Drum Loader, Tyne Truck and Trolley, 63\* (11/7)

Dump Trucks Manufacturers, 101 (2/5)

Dundee, Proposed Sale of Buses to Scottish Bus Group, 45 (7/2), 28 (21/2)

Duple Annual Report, 30 (23/5)

Blackpool Factory Production, 44 (7/2)

West African Orders, 37 (4/7)

Duramin Refrigerated Containers, 29\* (21/3)

Dyson Detachable Goose-neck Models, 40\* (27/6)

820 20 L/L Semi-trailers, 22\* (11/7)

830 Range, 46\* (4/7)

45-ton-capacity Steerable Bogie, 47\* (2/5)

**E**

Eagle Compressload 7, 50 (6/6)

East of England Agricultural Show, 30\* (18/7)

East Kent Road Car Co. Ltd., Fleetline 9-metre Double-deckers, 33\* (27/6)

Eastern National Omnibus Co. Ltd., Fares Appeals Dismissed, 32 (21/2)

Edbro Ltd., Bucket Loaders for 6- and 8-wheelers, 26\* (27/6)

Research and Development Department, 59\* (27/6)

Edinburgh, o-m-o Double-deckers, 23 (30/5)

50 Years of Municipal Transport, 28 (11/7)

Editorials:—

- Bus Standardization, 27 (6/6)

Driver Liability Under Road Traffic Act, 23 (18/4)

European Freight Exchange, 21 (21/3)

Faults on New Vehicles, 19 (25/4)

Freightliner Rates, 19 (23/5)

Fuel Tax and Licence Duty Increases, 41 (2/5)

International Customs Procedures, 21 (27/6)

Medical Checks for Drivers, 19 (14/2)

New Transport Relationships, 27 (4/7)

Operator's Licensing, 17 (11/7)

Pallet Pooling, 23 (14/3)

Parcels Carriage, 33 (7/2), 183 (20/6)

Productivity: RHA Pamphlet, 25-26\* (5)

Professional Transport Men in Local Government, 27 (13/6)

Rates Adjustments, 39 (7/3)

Road Transport an Active Industry, 21 (18/7)

Road Transport Operators' Problems in Other Countries, 11 (30/5)

RTITB Motec, 13 (28/2)

Strategic Plan for Inter-urban Roads, 11 (28/3)

TDG Yearly Statement, 17 (4/4)

Thefts, 23 (18/4)

Tipper Rates, 23 (9/5)

Training Levy: Three-tier System, 27 (11/4)

Transport Holding Company Annual Report, 15 (25/7)

Electrical Dangers in Workshops, 78 (7/3)

Equipment, Loughborough University of Technology Course, 29 (14/2), 44-46 (21/2)

Testing Bosch Ministeer, 100 (13/6)

Engines:—

- British Diesels, 60-63\* (2/5)
- British Leyland Development Programme, 62, 63\* (20/6)
- Cleaning Gun, Diversey, 72\* (18/4)
- External Combustion Systems, 55 (27/6)
- Piston, Constant-pressure, SAE Paper, 41\* (9/5)
- Spark Ignition, 55 (25/7)
- Tuning, Colortune, 66\* (4/4)

ERF Operations in Jordan, Article by Iain Sherriff, 70-72\* (2/5)

King Truck Outfits Delivery Run to Middle East, 21 (21/2)

64(R)260 Turbo Eagle, 37\* (21/3)

Esso Maintenance Scheme, 41 (25/4)

Europe:—

- AA Route Information, 70 (21/3)
- Camion Chauffeurs, Article by Iain Sherriff, 74-76\* (11/4)
- ECE Inland Transport Committee, 20 (4/4)
- ECE Road Haulage Rates, 28 (14/3)
- Ministry of Transport Negotiating Team, 57 (11/4)
- Progress Towards AETR, 13 (28/3)
- Quota Regulations Violations, 26 (27/6)
- Tachographs Adopted, 12, 13 (30/5)
- Transport Taxes by Frank Lyon, 72, 73, 76 (11/4)
- UN/ECE Traffic Agreement, 23 (23/5)

Eyesight, Legal Requirements, 68 (16/5)

**F**

Faith, Nicholas, Article on British Leyland Truck and Bus Division, 53-56\* (20/6)

Falmouth Transport Co. Ltd., Productivity Deal, 57 (4/4), 65 (18/4)

Fans, Super Cobra, 67 (11/7)

Fares:—

- Collection Boxes, Ashton-under-Lyne, 64-66\* (14/3)
- see also operating authorities and companies*

Featherstone, H. R., Article on Vehicle Turn-round, 59 (4/7)

Ferries: Guide to Freight Ferries, 78 et seq (11/4)

Ferrymasters Ltd., Licence Application, 39 (27/6)

Filters, Automotive Products, 67\* (11/7)

Finnis, S. W., Death, 27 (11/7)

Fluid Dispenser, Apwan Press-a-Flow, 60 (21/2)

Foden's Results, 22 (25/7)

Ford D800 22-ton Tractive Unit, 14 (30/5)

Dagenham Engine Plant Extensions, 42 (27/6)

R226 Duplex 53-seat Coach, Road Test and Operational Trial, 86-88\*, 97, 98\* (4/7)

Transit, Fowler 12-seater Coach Body, 30\* (21/3); New Bus Range, 21 (23/5); Strachans 16-seat Minibus, 22\* (30/5); Towing Attachment, 198 (20/6)

£10m Expansion in South Wales, 40 (27/6)

Fork Lifts, Conveyancer, 45\* (7/3), 67\* (4/4); Foredock, 26\* (23/5); Kelvin PF7, 75\* (16/3); Komatsu, 103\* (7/2); McConnel Tail-Slave, 103\* (13/6)

Forth Road Bridge Tolls, 22 (25/7)

Fowler, W. and H., 12-seat Coach Body, 30\* (21/3)

F. R. (Hauliers) Ltd., Licence Application, 37 (21/3), 45 (11/4)

France-UK Agreements, 19 (4/4)

Freight Integration Council, 22 (14/2)

Freight Salesmen, Article by Maurice Rounding, 56-58 (27/6)

Freight Transport Association, Conferences on Transport Act, 62-64 (7/3), 18 (28/3)

Causes on Transport Act, 31 (6/6)

Liaison Teams, 15 (28/2)

Light Vehicle Insurance Scheme, 16 (28/2)

## COMMERCIAL MOTOR

Memorandum on Vehicle Weighing and Overloading, 69, 70 (25/4)  
 Scottish Conference, 44 (2/5)  
 Yearbook, 23 (21/2)

Freightliners Ltd., Board Appointments, 39 (7/2)  
 Losses, 71 (4/7)  
 Nottingham Terminal, 36 (4/7)

Fuel Injectors, Test Pump, Merlin S.28, 105 (7/2)  
 Prices, Budget Increase, 25, 30 (18/4); Reduction 24 (21/2)

Fuller, A. B., Retirement, 44 (11/4)

Fyffes Group Ltd., Experience with Radial Tyres, 28 (30/5)

## G

Galloway, Nichol, and Co., Licence Application, 30 (21/2)

Gas Turbines:—  
 British Leyland Truck Plans, 67-70\* (20/6)  
 Design, Paper by A. F. McLean, 51 (11/4)  
 Mack Truck, 42 (27/6)  
 New GM Range, 42\* (14/2)

General European Road Services Ltd., Kangaroo Services, 66-68\* (11/4)

General Motors, Turbine Engine Range, 42\* (14/2)

Germany, Bracket Rate Plans Approved by ECE, 31 (27/6)

EEC Warning on Grant Aid, 14 (30/5)  
 Road Programme, 19 (4/4)  
 US Transport Liaison, 23 (27/6)

Gilbraith Tankers Ltd., Licence Application, 31 (21/2)

Glasgow, Annual Report, 195 (20/6)

Death of Conductor after being Stabbed, 25 (28/2)

Klavon Warning Systems, 49 (7/3)

Regular o-m-o Service, 44 (7/2)

Take Over Offer by Scottish Bus Group, 49 (7/3)

Withdrawal From Employers Federation, 44 (7/2)

Gloster Saro Report on Tanker Stability, 54, 55 (7/2)

Goldhofer Swinglift, 190\* (20/6)

Goole, Port Facilities, 61 (18/7)

Gordon, Graham, Stewart Ltd., Licence Suspension Inquiry, 38 (27/6)

Gosport and Fareham Omnibus Co. Ltd., Seddon Penning Buses, 32\* (14/3)

Gowling, J. A., Licence Application, 38 (18/7)

Grease Guns, Graco, 59\* (30/5)

Grey Motors Ltd., Licence Application, 41 (13/6)  
 Licence Suspension Inquiry, 51 (7/3)

Griffin, Frank, Interview with Derek Moses, 63\* (23/5)

Grimsby, Port Facilities, 60 (18/7)

Grinder, Drill, Brierley Mk. IV, 99\* (13/6)

Grinding Machine Pedestal, Wolf, 75\* (18/4)

Guy Big J 16-ton-gross Four-wheeler, Road Test and Operational Trial, 52-54\*, 59\*, 60\* (25/4)

Specification Tables, 40-42 (20/6)

## H

Hall, Walter, Article on Tank Design and Development, 73-75\* (7/2)

Hall's Coaches Ltd., Air-service Atlanteans, 22\* (28/3)

Halmo/Commer 16-tons-gross Tractive Unit, 41 (25/4)

Hands Lightweight Machinery Carrier, 55\* (2/5)

Hanson, R., and Sons Ltd., Licence Application, 55 (7/3), 42 (14/3), 32 (23/5)

Harris (Holmes Chapel) Ltd., Licence Application, 27 (4/4)

Harris, J. and M., Licence Suspension Inquiry, 38 (18/7)

Harrison, G. A., Appointed Director-General, SELNEC PTE, 29 (6/6)

Hatton, Phillip, Appeal, 31 (11/7), 30 (25/7)

Hawker Siddeley Checkweight Mk. 3 Weighing Device, 50 (6/6)

Heater, Space, Reddy, 102\* (7/2)

Heating/Ventilating System, South Wales Transport Co. Ltd., 38 (4/7)

Hebble Motor Services Ltd., Licence Application, 29 (28/2), 23 (28/3)

Helsinki Show, 46\*, 47\*, 63\* (16/5)

Henman, P. S., Views on Transport Problems and Prospects, 221, 222 (20/6), 65, 66 (27/6)

Herculeson, B., Licence Suspension Inquiry, 53 (2/5)

Hicks, Peter, Licence Application, 35 (18/4)

Highway Code, 16 (28/2), 69 (27/6)

Hill, F., and Co. (Hauliers) Ltd., Licence Suspension Inquiry, 39 (25/4)

Hill's (Tredegar) Ltd., Appeal, 37 (21/3)

Hilton Transport Services, Article by Iain Sherriff, 50-52 (18/7)

Hines, D. E., Ltd., Licence Application, 45 (13/6)

Hino KA300 Tipper, 30\* (6/6)

Historic Commercial Vehicle Run, 47\* (9/5)

Hoggart, Percy, Appeal, 30 (25/7)

Hoists, Survey, 86\*, 89\*, 90\* (7/3)

Holland, see Netherlands

Holland, F. W., Ltd., Licence Suspension Inquiry, 44 (4/7)

Holmes, Maurice, Knighthood, 185 (20/6)

Hoppers, Self-feeding, Lodematic, 162\* (2/5)

## I

Immingham, Port Facilities, 61 (18/7)

Indonesia, Leyland Titan Double-decker, 95\* (2/5)

Industrial Transport Association, 24 (27/6)

Inspection, Regulations, 22 (11/7)

Institute of Public Cleansing Conference Exhibition, 58-62\* (13/6), 200, 201 (20/6)

Institute of Road Transport Engineers, Educational Scheme Revised, 62 (28/3)

National Conference, 48\*, 53 (16/5)

Institute of Traffic Administration, Conference, 37 (16/5)

Institute of Transport, Annual Congress, 24, 25, 37 (18/4)

Proposed Changes, 22 (18/7), 52 (25/7)

Insurance:—  
 Freight Transport Association Light Vehicle Scheme, 16 (28/2)

General and Commercial Scheme, 23 (14/2)

RHA Goods-in-transit Policy, 24 (9/5)

Sun Commercial Vehicle Policy, 25 (27/6)

International Road Transport Union, AMI Service for Britain, 28 (25/7)

Annual Meetings, Prague, 21, 37 (25/4)

21st Anniversary, 22, 23, 31 (21/3)

Isle of Wight Lorry Driving Championship, 44 (2/5)

Issigonis, Alec, Knighthood, 185 (20/6)

Italy, Pressure for Introduction of Higher Weight Laws, 25 (18/4)

## J

Jack, Hydraulic Pneu-Draulic, 165\* (2/5)

Jaco Automatic Chassis Cleaner, 23\* (30/5)

Jamieson Plant Hire Ltd., Licence Application, 43 (7/2)

Jarrett, Ron, Ltd., Licence Suspension Inquiry, 23 (28/3)

J. B. Associates, Ax-Way Load-sensing Device, 59\* (2/5)

JCM Transport Services Ltd., Licence Application, 40 (16/5)

J. D. Haulage, Licence Application, 39 (14/2)

Jones, J. G., Licence Application, 40 (16/5)

Jones, S., (Garages) Ltd. h.g.v. Training Course, 26\* (21/3)

Jones Transport Services Ltd., Licence Application, 39 (25/4)

Jordan, ERF Operations, Article by Iain Sherriff, 70-72\* (2/5)

J.R.M. Plant Ltd., Licence Suspension Inquiry, 30 (11/7)

## K

Kangaroo Services, Article by John Darker, 66-68\* (11/4)

Kelly, Mrs. M., Licence Application, 45 (11/4)

Kennans Road Services Ltd., Licence Application, 44 (4/7)

Kenny, Roger, Article by:—  
 Does Your Name Click? 46-48\* (27/6)

"Know the Law" Series by Les Oldridge, 99 (7/2), 66 (14/2), 57 (21/2), 62 (28/2), 122 (7/3), 51 (14/3), 67 (21/3), 62 (28/3), 63 (4/4), 92 (11/4), 69 (18/4), 72 (25/4), 159 (2/5), 74 (9/5), 68 (16/5), 76 (23/5), 57 (30/5), 82 (6/6), 97 (13/6), 224 (20/6), 69 (27/6), 106 (4/7), 61 (11/7), 49 (18/7), 63 (25/7)

Knowles Transport, Fleet De-licensed, 37 (7/2), 23 (21/2); Operations Resumed, 42 (7/3)

Kolbuszewski, Professor J., Paper on the Future of Transportation, 57, 58 (6/6), 40 (13/6)

\*Illustrations

## L

Ladder Rack/Poster Holder, Martin Katz, 71 (27/6)

Lancashire United Transport Ltd., Bristol RESL o-m-o Single-deckers, 50\* (7/3)

Lancer Boss Ltd., £52 US Contract, 23 (14/2)

Larrow Transport (Northern) Ltd., Licence Applications, 22, 23, 38 (21/3), 32 (23/5); Appeal, 30 (11/7), 29 (25/7)

## Law:—

Accident Procedures, Article by Les Oldridge, 45 (30/5)

"User" Includes Driver, 30 (11/4)

see also "Know the Law" Series

Ledger Electricrane, 40\* (23/5)

Leeds City Transport, Views on British Leyland, 85-87\* (20/6)

Leicester City Transport, New Operating Centre, 30\* (4/4)

Leyland Atlantic, Automatic, 32\* (9/5); Park Royal Double-decker, Road Test, 58-60\*, 63 (16/5), 55 (6/6)

Bear Lightweight Tipper, 50\* (6/6)

Double-decker, Indonesia, 95\* (2/5)

Gas Turbine Truck Plans, 67-70\* (20/6)

Leopard Coaches for Jamaica, 45\* (7/2)

Specification Tables, 3-7 (20/6)

Super Comet with Simon Hydraulic Platform, 25\* (14/3)

Leyland National Co. Ltd., 22, 23 (18/7)

## Licence Applications (Haulage):—

Metropolitan L.A.:—  
 Larrow Transport (Northern) Ltd., 22, 23, 38 (21/3)

Western Express Haulage Ltd., 29 (25/7)

Wright and Co. Ltd., 52 (2/5)

W.S.T. Transport, 39 (18/7)

North Western L.A.:—  
 Anwyl, J., Ltd., 46 (11/4)

Angus (Haulage) Ltd., 30 (21/2)

Brennans Road Services Ltd., 32 (21/2)

C and A Plant Services Ltd., 36 (18/4)

C. T. H. Transport (Macclesfield) Ltd., 38 (27/6)

Donnelly, J. P., 25 (30/5)

F.R. (Hauliers) Ltd., 37 (21/3), 45 (11/4)

Ferrymasters Ltd., 39 (27/6)

Gilbraith Tankers Ltd., 31 (21/2)

Grey Motors Ltd., 41 (13/6)

Harris (Holmes Chapel) Ltd., 27 (4/4)

JCM Transport Services Ltd., 40 (16/5)

Kelly, Mrs. M., 45 (11/4)

Kennans Road Services Ltd., 44 (4/7)

Litherland, Mrs. J., 40 (14/2)

M62 Short-term Licences, 41 (14/2)

Maelor Plant and Motor Co., 42 (13/6)

Morrison, H. R., Ltd., 39 (16/5)

Norman's Removal and Transport Services Ltd., 40 (16/5)

Pearse, G. H., and Sons Ltd., 39 (16/5)

Plant, G., Ltd., 26 (28/2)

Priestner, G., Ltd., 38 (18/7)

Proudster, P., and Son, 42 (13/6)

Purle Bros. (Holdings) Ltd., 38 (27/6)

Roberts, D., 51 (7/3)

## Northern L.A.:—

Armstrong, W., (Westerhope) Ltd., 28 (28/3)

Barnett and Graham Ltd., 23 (28/3)

Brooks, E. and A. E., 31 (11/7)

Gowling, J. A., 38 (18/7)

Larrow Transport (Northern) Ltd., 32 (23/5)

Limmer and Trinidad Co. Ltd., 32 (14/2), 25 (30/5)

McGowan Brothers (Doncaster) Ltd., 24 (30/5)

Stiller, G., (Transport) Ltd., 30 (11/7)

Scottish L.A.:—  
 Anderson, James, and King Ltd., 30 (21/2)

Barbour, Duncan, and Son Ltd., 38 (27/6), 38 (18/7)

Bertram, Gavin, 54 (2/5)

Carriers Agency Ltd., 37 (27/6)

Galloway, Nichol, and Co., 30 (21/2)

J. D. Haulage, 39 (14/2)

Jamieson Plant Hire Ltd., 43 (7/2)

Murray, A. and G. W., 26 (28/2)

Murray, John, 40 (16/5)

Perth Delivery Service, 43 (14/3)

Purle Waste Disposal (Scotland) Ltd., 39 (25/4)

Rae, Thomas, and Sons, 39 (27/6)

Swan, William, Ltd., 45 (11/4)

South Wales L.A.:—  
 Barrett, John, 43 (4/7)

Blake, D. L., and Co. Ltd., 34 (9/5)

Newport Forwarding and Warehousing Ltd., 49 (6/6)

## West Midland L.A.:—

Burton, F. and D., 45 (13/6)

Cleary Contractors Ltd., 32 (14/2)

Hines, D. E., Ltd., 45 (13/6)

Jones Transport Services Ltd., 39 (25/4)

Nadasdy, G., and Fretter, J. R., 42 (14/3)

Parker, B., 197 (20/6)

Parkriver Transport Ltd., 29 (25/7)

Red House Garage Co. Ltd., 196 (20/6)

Scotford, R. V. and R. S. J., 39 (9/5)

Weston L.A.:—  
 Dohon, W., (Edinburgh) Ltd., 52 (7/3)

Thatcher, E. E., 32 (23/5)

Yorkshire L.A.:—  
 Hanson, R., and Sons Ltd., 55 (7/3), 42 (14/3), 32 (23/5)

## Licence Applications (Passenger):—

Metropolitan T.C.:—  
 Rickards, Chas., (Tours) Ltd., 30 (25/7)  
 North Western T.C.:—  
 Altrincham Coachways Ltd., 197 (20/6)  
 Barton Transport Ltd., 38 (25/4)  
 Crossville Motor Services, 40 (16/5)  
 Dixon's World Wide Travel, 38 (27/6)  
 Hicks, Peter, 35 (18/4)  
 Jones, J. G., 40 (16/5)  
 Pleasureways Ltd., 29 (25/7)  
 Wallace Arnold Tours Ltd., 48 (6/6)  
 Wright, C. and Son, 40 (16/5)

## Scottish T.C.:—

Doigs Tours (Greenock) Ltd., 35 (18/4)  
 Scottish Omnibuses Ltd., 31 (21/2)  
 Yorkshire T.C.:—  
 Davison, A. and J. R., 40 (9/5), 40 (16/5)  
 Dodsworth, J., Ltd., 35 (18/4)  
 Hebby Motor Services Ltd., 29 (28/2), 23 (28/3)  
 Sandown Tours (Burnley) Ltd., 43 (7/2), 28 (4/4)  
 Smith, John, and Sons, 45 (13/6)  
 West Yorkshire Road Car Co. Ltd., 49 (6/6)

## Licence Suspension Inquiries:—

Abercrombie and Co. Ltd., 41 (13/6)  
 Aberystwyth, 31 (25/7)  
 Anderson, Robert, Ltd., 41 (13/6)  
 Bedewell UDC, 47 (6/6)  
 Borthwick, John, Ltd., 38 (18/7)  
 Bullock, F., Ltd., 32 (23/5)  
 Cook Contractors Ltd., 32 (14/2)  
 Courtney, J., 32 (23/5)  
 Gordon, Graham, Stewart Ltd., 38 (27/6)  
 Grey Motors Ltd., 51 (7/3)  
 Harris, J. and M., 38 (18/7)  
 Herculeson, B., 53 (2/5)  
 Hill, F., and Co. (Hauliers) Ltd., 39 (25/4)  
 Holland, F. W., Ltd., 44 (4/7)  
 Jarrett, Ron, Ltd., 23 (28/3)  
 J. R. M. Plant Ltd., 30 (11/7)  
 Mitchell, Thomas (Hauliers) Ltd., 39 (27/6)  
 Morrison, H. R., Ltd., 25 (30/5)  
 Pontypridd UDC, 38 (25/4)  
 Price Bros., Ltd., 34 (9/5)  
 Rees Concrete Co., 49 (6/6)  
 Relyon Contracts, 45 (13/6)  
 Rhymney Transport Services Ltd., 42 (14/3)  
 Rowe Transport Ltd., 37 (21/3)  
 Scottish, English and Welsh Wool Growers Ltd., 38 (18/7)  
 Slater, Peter, Ltd., 39 (27/6)  
 Taylors' Haulage, 39 (25/4)

## Licensing:—

Annual Report of the Licensing Authorities, 30 (11/7), 37 (18/7)  
 Annual Reports of the Traffic Commissioners, 30 (21/3)  
 New Application Procedure, a Barrister's Views, 15 (28/2)  
 Operators' Licences, 18-21 (11/7)  
 Penalties, Article by Frank Burrawoe, 62, 63 (6/6)  
 Quality Licensing Pilot Scheme, 36 (7/2), 40, 41 (14/2)  
 Small Vehicle Exemptions, 21 (23/5)

## Lighting:—

Law, 57 (21/2), 62 (28/2), 122 (7/3), 51 (14/3), 67 (21/3), 62 (28/3)  
 Rear Lamps and Reflectors, Rubbolite, 67\* (25/7)  
 Limmer and Trinidad Co. Ltd. Licence Application, 32 (14/2), 23 (30/5)  
 Lincolnshire Road Car Co. Ltd., Scunthorpe Bus Station, 28\* (21/2)  
 Liquid Level Warning Device, Thermist, 75\* (18/4)  
 Liquid Container Handling, 50 (27/6)  
 Litherland, Mrs. J., Licence Application, 40 (14/2)  
 Little, Arthur D., Ltd., Report on Pallet Pools, 24 (14/3), 63, 64 (21/3)  
 Liverpool, Bristol REEL Single-deckers, 31\* (25/4)  
 o-m-o Double-deckers, 50 (7/3)  
 Market, 22 (23/5)  
 Livery: Blox Group Views, 49\* (27/6)  
 Does Your Name Click? Article by Roger Kenny, 46-48\* (27/6)

Lloyd, F. J., Appointed Director-General, West Midlands PTE, 22 (27/6)

## Loads and Loading:—

Abnormal, 100-ton Atmospheric Oven, 19\* (11/7)  
 Bearing Device, Vacuum, AABA-VAC, 71 (27/6)  
 Control, Dixon-Bate Rubbacord, 70 (21/3)  
 Draft Regulations, 16 (30/5)  
 Loader, HIAB 2451, 73\* (21/3)  
 Loads and Forces ("Road and Workshop" Series), 40 (23/5), 28 (30/5), 55 (6/6), 47 (13/6), 199 (20/6), 42 (27/6), 46 (4/7), 37 (11/7), 44 (18/7), 32 (25/7)  
 Pelco System, 105 (7/2)  
 Safety, Scania-Vabis Guide, 55-59\* (21/3)  
 Sensing Devices, A. J. L. Partrick, 26\* (30/5); Ax-Way, 59\* (2/5); Clayton Dewandre, 73 (27/6)  
 Winch, Lifting Fabrication, 61\* (21/2)  
 Local Government, Royal Commission Report, 28 (13/6)  
 Locomotors Dual-purpose Bulk Tipper, 22\* (4/4)  
 London: Greater London Development Plan, 21 (28/3)

## London Transport Board:—

Annual Report, 30 (25/4)  
 Bus-building Plan Defeated in Commons, 32 (25/4)  
 Busmen's Wages, 29 (11/7), 32 (18/7), 27 (25/7)  
 Bus Maintenance Workers' Wages, 32 (14/2)  
 Country Services, Reshaping, 24 (28/2)  
 Daimler Fleetline Double-decker Order, 31\* (18/7)  
 Fares Increase, 36 (16/5)  
 Marshall-bodied Buses, 31 (14/2)  
 Productivity Plan, 21 (30/5)  
 Zonal Fares Proposals, 21 (21/2)  
 89-passenger Double-deckers, 36 (16/5)  
 "Lorry Driver of the Year" Competition:—  
 1969, Roundes, Aberdeen, 39 (6/6); Belfast, 51 (13/6); Birmingham, 44 (23/5); Coventry, 45 (23/5); Dundee, 46 (23/5); Dunfermline, 31 (13/6); Edinburgh, 188 (20/6); Essex, 44 (23/5); Fleetwood, 189 (20/6); Glasgow, 44 (23/5); Grimsby, 35 (4/7); Leeds, 31 (27/6); Liverpool, 31 (9/5); London, 189 (20/6); Londonderry, 188 (20/6); Maidstone, 39 (6/6); Manchester, 51 (13/6); Newcastle under Lyme, 48\* (13/6); Newcastle upon Tyne, 48 (13/6); Northampton, 35 (4/7); North Midlands, 48 (13/6); Oxford, 24 (11/7); Portsmouth, 24 (11/7); Ruislip, 46 (23/5); St. Austell, 45 (2/5); South Wales, 35 (16/5); Torbay, 35 (16/5); Weymouth, 16 (28/3); York, 45 (23/5)  
 1970, Recommended Changes, 23 (21/3)  
 Loughborough University, Course on Electrical Equipment, 29 (14/2), 44-46 (21/2)  
 Course on Vehicle Performance, 47 (7/2)  
 Lowe, David, Article by:—  
 Bowyers (Wiltshire) Ltd. Transport Operations, 72-74 (4/7)  
 Britain's Freight Ports, 59-61 (18/7)  
 Butlers Warehousing and Distribution Ltd., 216-218\* (20/6), 43 (11/7)  
 J. R. M. Plant Ltd., 30 (11/7)  
 Mitchell, Thomas (Hauliers) Ltd., 39 (27/6)  
 Morrison, H. R., Ltd., 25 (30/5)  
 Pontypridd UDC, 38 (25/4)  
 Price Bros., Ltd., 34 (9/5)  
 Rees Concrete Co., 49 (6/6)  
 Relyon Contracts, 45 (13/6)  
 Rhymney Transport Services Ltd., 42 (14/3)  
 Rowe Transport Ltd., 37 (21/3)  
 Scottish, English and Welsh Wool Growers Ltd., 38 (18/7)  
 Slater, Peter, Ltd., 39 (27/6)  
 Taylors' Haulage, 39 (25/4)

## Lowe, David, Article by:—

Course on Vehicle Performance, 47 (7/2)

Lyon, Frank, Article on Continental Transport Taxes, 72, 73, 76 (11/4)

## M

MacBrayne, David, Ltd., Coast Lines Shareholding Sold to Scottish Transport Group, 27 (11/7)  
 McCall and Greenshields Ltd., Acquire R. and M. Wright, 27 (9/5)  
 McGowan Brothers (Doncaster) Ltd., Licence Application, 24 (30/5)  
 Mack Turbine Truck, 42 (27/6)  
 McLean, A. F., Paper on Gas Turbine Design, 51 (11/4)  
 McVeigh Transport Ltd., Transport Training School, 14 (28/3)  
 Maelor Plant and Motor Co., Licence Application, 42 (13/6)  
 MAFI Porta-Lift, 31\* (28/2)  
 M and G Trailers, Modified Three-axle Semi-trailer Suspension, 39\* (23/5)  
 Maintenance, Packham PPM System, 65, 66 (18/7)  
 Charts, Adapta-Charts Ltd., 71 (16/5)  
 Malta-Cross Continent Containers Ltd., 40\* (6/6)  
 "Management Matters" Series by John Darker:—  
 Block Transport Executive Course, 65, 66 (16/5), 73, 74 (23/5)  
 Bulk Transport Concept, 93, 94 (7/2)  
 Bus Industry Maintenance Workers' Wages, 53, 54 (21/2)  
 Container Traffic at Ports, 89, 90 (11/4)  
 Costing the Intangible Factors, 79, 80 (6/6)  
 Documentation Problems, 57, 58 (11/7)  
 Falmouth Transport Co. Ltd., Productivity Deal, 57, 58 (4/4), 65, 66 (18/4)  
 Flow Line Accounting, 65, 66 (16/5)  
 Management Training, 153, 154 (2/5)  
 Materials Handling Research at Cranfield, 51 (52 (30/5))  
 Metrification, 59, 60 (28/3)  
 Motec 1, 59, 60 (28/2)  
 Netherlands Road-rail Integration, 63, 64 (14/2)  
 Packham Planned Preventive Maintenance, 65, 66 (18/7)  
 Pallet Pool, 63, 64 (21/3)  
 Redland Ltd., Transport Operations, 99-101 (4/7)  
 Scottish Gas Board, Code of Practice, 93, 94 (13/6)  
 Technical Colleges Transport Training Courses, 69, 70 (14/3)  
 Tipper Rates, 71, 72 (9/5)  
 Transport Development Group, 221, 222 (20/6), 65, 66 (27/6)  
 Transport Holding Company Final Report, 59, 60 (25/7)  
 Vehicle Maintenance and Operators' Licensing, 117, 118 (7/3)  
 Vehicle Weighing and Overloading, 69, 70 (25/4)  
 Management Studies Centre Ltd., Conference on Distribution in the 1970s, 24 (25/4)

\*Illustrations

Manchester, "Executive Special" Bus Plan, 24 (28/2)  
 Rapid Transit System, 25 (27/6)  
 Manchester Transport Training Group, 20 (4/4), 27 (9/5)

Marriott, Robert, Ltd., Depot, 26\* (21/3)

Marsh, A. E., Workshop Facilities Open to other Operators, 38 (21/2)

Marshall Bus Bodies for London Transport, 31 (14/2)

Luton Bodies for Lewis Partnership, 24\* (14/2)

Orders, 32 (18/7)

MAT (Transport) Ltd., Asian "Landbridge", 75\* (6/6)

Materials Handling:—

Army Demonstration, 43\* (16/5)

Coal Handling Equipment, 64\* 65\* (23/5)

Cranfield Research Unit, 51, 52 (30/5)

Glasgow Seminar, 26, 29 (23/5)

Scottish Materials Handling Exhibition, 29 (16/5), 52-57\* (23/5)

Medical Checks for Drivers, Proposed International Rules, 20 (14/2); Corres., 39 (21/2)

Mercedes-Benz Deansgate 16 Coach, 25\* (28/2)

0.302 Coach, Geneva to Nice Demonstration Run, 69\* (23/5); Road Test, 40-42\*, 47\* (28/3)

Metal Sections Ltd., c.k.d. Bodies, 94\* (2/5)

Metrication, Article by John Darker, 59, 60 (28/3)

Decimal Converter, 163\* (2/5)

Repercussions on the Bus Operating Industry, by Derek Moses, 70-72\* (6/6)

Metro-Cammell Ltd., Production Consolidation, 12, 13 (30/5)

Metro-Cammell Containers Ltd., Formed, 25 (23/5)

Microfilm Techniques in Spares Systems, 75\* (2/5)

Microtrem, Speedread, 100 (13/6)

Midlands Electricity Board, Spray Shop, 45 (4/7)

Millar, Robert, (Contractors) Ltd., Accident Court Case, 16 (28/2), 24 (21/3)

Millen, E. James, Article by:—

Purple Group, 79\* 80\* (7/2)

Testing Standards, 113 (7/3)

Mirrors, Heated, White Horse, 73 (16/5)

Industrial Safety, Volumatic, 69 (4/4)

Safety, Rotherham, 65 (11/7)

Mitchell, Thomas, (Hauliers) Ltd., Licence Suspension Inquiry, 39 (27/6)

Mitchells and Butlers, Views on British Leyland, 88\*, 89\* (20/6)

Moody, Paul, Article by:—

Chemical Tankers Hazard Warning Card Scheme, 61 (7/2)

Danish Bacon Specialized Mechanical Handling for Refrigerated Loads, 51\* (23/5)

Simple Testing Equipment, 75\* (7/3)

Morrison, H. R., Ltd., Licence Application, 39 (16/5), 25 (30/5)

Morton, Norman, Report on One-man Operation, 40 (13/6)

Moses, Derek, Article by:—

Barton Transport Ltd., 54-56\* (11/7)

Designating and Establishing the First PTAs, 45 (28/2)

Functions and Representation of PTAs, 63 (14/3)

Frank Griffin, 63\* (23/5)

Leeds City Transport, Views on British Leyland, 85-87\* (20/6)

Metrication: Repercussions on the Bus Operating Industry, 70-72\* (6/6)

Sunderland Token System, 45, 46, 49\* (25/7)

Transport Act in Action, 45 (28/2), 31 (28/3)

Moss Gear Co., S. Cam Brake Pin Extractor, 71\* (21/3)

Motor Industry Research Association, PSV Research Panel, 195 (20/6)

Mudguards, Plastics, Featherwing, 162\* (2/5)

Multilift, Multiloader Demountable Body System, 31\* (28/2)

Municipal Spotlight, by Ashley Taylor, 68 (9/5)

Murfit Cement Tanker, 57\* (7/3)

400 Series Pressure Tankers, 56\* (2/5)

800 Bulk Coal Body, 15\* (30/5)

Murray, A. and G. W., Licence Application, 26 (28/2)

Murray, John, Licence Application, 40 (16/5)

## N

Nadasdy, G., and Fretter, J. R., Licence Application, 42 (14/3)

National Association of Furniture Warehousemen and Removers, Annual Conference, 48-50 (9/5)

National Bus Company, Appointments, 25 (28/2), 29 (4/4), 34 (27/6)

Companies Relationships with PTAs, 31 (4/4)

Companies to Retain Identity, 24 (28/2)

New Midlands Head Office, 36\* (16/5)

TUC Board Nominations, 30 (14/2)

Who's Who, 28 (11/7)

—British Leyland Joint Company, 22, 23 (18/7)

National Carbonising Co., Ltd., Article by John Darker, 53-55\* (28/3)

Bulkliner Service, 50 (27/6)

National Carriers Ltd., Staff Negotiating Machinery, 31 (16/5)

Trailer Orders, 38 (21/2)

National Coach Rally, 34 (18/4)

National Co-operative Traffic Manager's Association, Conference, 32 (16/5), 24 (23/5)

## COMMERCIAL MOTOR

National Freight Corporation, 59 (14/2)  
Director of Freight Planning, 20 (21/2)  
Parcels Activities, 184 (20/6)  
National Freight Federation Formed, 44 (7/3)  
Appointments, 41 (6/6)  
Supplementary Pension Scheme, 29 (11/4)  
National Ports Council Report on Traffic, 1968, 89,  
90 (11/4)  
Neal's Travel and Tours Ltd., Expansion, 195 (20/6)  
Nessfield Conveyor-type Bulk Container, 48\* (7/2)  
Netherlands Road-rail Integration, 63, 64 (14/2)  
UK Agreements, 24 (9/5)  
Neville Industries, Insulated Dumptrailer, 42\* (21/3)  
Ratesaver 28-ton-gross Frameless Tipping  
Trailer, 49\* (14/3)  
New Zealand—UK Container Service, 23 (4/4)  
Newcastle, Bus Replacement Programme, 31 (14/2)  
Newport Forwarding and Warehousing Ltd., Licence  
Application, 49 (6/6)  
Nice, Semaine du Car, 27 (16/5), 66-69\* (23/5)  
Nobles Transport, Article by Carolyn Hyams,  
202-204\* (20/6), 52 (4/7)  
Noise, Southampton University Conference, 41 (30/5)  
Norman's Removal and Transport Services Ltd.,  
Licence Application, 40 (16/5)  
North Western Road Car Co. Ltd., School Fares  
Dropped, 39 (14/2)  
North Western Tipper Ltd., 50-52\* (4/4)  
Northern General Transport Co. Ltd., New Buses,  
42\*, 43\* (11/4)  
Novatrans Kangaroo Services, 66-68\* (11/4)

## O

Oil Additive, Holts EP5, 61 (30/5)  
Purifier, Sharples, 103 (7/2)  
Old Kentucky Restaurants Ltd., Food Delivery Box  
Van, 14\* (30/5)  
Oldridge, Les, Articles by:—  
"Accident Procedures", 45 (30/5)  
"Know the Law", Series, 99 (7/2), 66 (14/2),  
67 (21/2), 62 (28/2), 122 (7/3), 51 (14/3),  
62 (21/3), 62 (28/3), 63 (4/4), 92 (11/4),  
69 (18/4), 72 (25/4), 159 (2/5), 74 (9/5),  
68 (16/5), 76 (23/5), 57 (30/5), 82 (6/6),  
97 (13/6), 224 (20/6), 69 (27/6), 108 (4/7),  
61 (11/7), 49 (18/7), 63 (25/7)  
Olsen, Fred, Ltd., TGWU Agreement, 23 (11/7)  
Operational Trials:—  
AEC Marshal 24-ton-gross Eight-wheeler,  
40-44\* (4/4)  
AEC Mercury 16-ton-gross Four-wheeler,  
208-210\*, 213\*, 214\* (20/6)  
Atkinson/York 42-ton-gross Five-axle Artic,  
40-43\* (21/2)  
BMC Mastiff 16-ton-gross Truck, 48-52\* (21/3)  
BMC Mastiff/Pitt 26-ton-gross Artic, 38-40\*, 43,  
44\* (25/7)  
BMC EA 3-5-ton-gross Diesel Van, 69-71\* (7/3)  
Ford R226 Duple 53-seat Coach, 86-88\*, 97, 98\*  
(4/7)  
Guy Big J 16-ton-gross Four-wheeler, 52-54\*,  
59\*, 60\* (25/4)  
Mercedes-Benz 0-302 44-seat Coach, 40-42\*,  
47\* (28/3)  
Scania LBS110 38-ton-gross Artic, 44-48\* (14/2)  
Orlandi Meteor Luxury Coach, 46-48\* (18/4)  
Osborne Milk-float Body for Ford Transit, 58\* (7/3)  
Overnight Express Ltd., 34 (7/2), 31 (13/6)  
Overseas Containers Ltd., Container Ship Operation  
Switched to Rotterdam, 17 (28/2)  
Owen Organisation, Integrated Handling Exhibition,  
17\* (28/3)

## P

Packham, A., and Co. Ltd., Acquired by Miles  
Drugs and Co. Ltd., 22 (14/2)  
Planned Preventive Maintenance, 65, 66 (18/7)  
Paint, Polyurethane, Haydon Paints, 63 (21/2)  
Restorer, Isopon, 66 (25/7)  
Spray Guns, Jetter 200, 75\* (18/4); Motivair  
Speedspray, 60\* (21/2)  
Pallet Loading Conveyor System, Hydro-Auto, 50\*  
(14/3)  
Pool, Consultants' Report, 24 (14/3), 63, 64  
(21/3); Seminar, 46 (2/5)  
Parker, B., Licence Application, 197 (20/6)  
Parker, G. B., Paper on Public Transport and  
Traffic Engineering, 46, 49 (25/4)  
Parking Facilities for Lorries in the North West, by  
Carolyn Hyams, 54-56 (14/2)  
Parkriver Transport Ltd., Licence Application, 29  
(25/7)  
Partrick, A. J. L., Load Sensing Device, 26\* (30/5)  
Passenger Transport Authorities:—  
Designation and Establishment, 45 (28/2)  
Functions and Representation, 63 (14/3)  
Merseyside, 31 (14/3), 31 (25/4), 47 (6/6), 38 (4/7),  
32 (18/7)  
Powers and Duties of Executives, 31 (28/3)  
SELNEC, 31 (14/3), 43 (11/4), 31 (25/4), 21 (30/5),  
29 (6/6), 37, 38 (4/7)  
Tyneside, 35, 45 (7/2), 31 (21/3), 18 (4/4), 31

(25/4), 43 (2/5), 30 (23/5), 29 (6/6)  
West Midlands, 43 (11/4), 31 (25/4), 22 (27/6)  
Passenger Vehicle Operators' Association, Annual  
General Meeting, 34 (27/6)  
Memorandum on Driving Hours, 25, 41 (14/3)  
PD Wharfage and Transport Ltd., Reorganization,  
46 (7/3)  
Pearse, G. H., and Sons Ltd., Licence Application,  
39 (16/5)  
Perkins 6.354-2 Heavy-duty Diesel, 21\* (25/4)  
Perkins Drivers Club Competition, 30 (13/6)  
Perth Delivery Service, Licence Application, 43 (14/3)  
Peterborough Engineering Co. Ltd., Bulk Feed  
Transporter, 47\* (13/6)  
Demountable Shelter-type Body, 23\* (23/5)  
Demountable Van Bodies, 29\* (13/6)  
Petrol Pumps, Security Recording System, Key-  
lock, 73 (16/5)  
Pettit, D. E. A., Paper on Distribution Management,  
23 (14/2)  
Pipe Cladding Units, Dick's Asbestos, 61 (21/2)  
Pit Beam, Epcos, 101\* (13/6)  
Jacks, Tetroc, 73\* (21/3)  
Plant, G. Ltd., Licence Application, 26 (28/2)  
Plate Holder, Billingham, 65\* (4/4)  
Plates, MoT, Encapsulated, 71 (16/5)  
Plating: Post-1967 Vehicles, 16 (30/5)  
Platforms, Hydraulic, by P. A. C. Brockington,  
84-86\* (13/6)  
Pleasureways Ltd., Licence Application, 29 (25/7)  
Plessey Co. Ltd., Driver Courses, 27 (18/4)  
Pontypridd UDC, Licence Suspension Inquiry,  
38 (25/4)  
Porter, Mrs. Pamela, Transporter Driver, 23\* (11/7)  
Ports, Freight, Article by David Lowe, 59-61 (18/7)  
Nationalization, 34 (7/2)  
NPC Report, 89, 90 (11/4)  
Ports and Terminals Exhibition, 44\*, 45\* (18/4)  
Portugal, New Through Service, 28 (14/3)  
Powell Duffryn Dumpermaster 65 cu. yd. Bulker  
Trailer, 21\* (23/5)  
Prague, KOMBITRANS Conference, 190 (20/6)  
Pressure Regulators, 161, 165 (2/5)  
Price Bros. Ltd., Licence Suspension Inquiry, 34 (9/5)  
Prices and Incomes Board, Report on Transporter  
Industry, 23 (21/2)  
Prague, KOMBITRANS Conference, 190 (20/6)  
Pressure Regulators, 161, 165 (2/5)  
Price Bros. Ltd., Licence Suspension Inquiry, 34 (9/5)  
Prices and Incomes Board, Report on Transporter  
Industry, 23 (21/2)  
Priestner, G. Ltd., Licence Application, 38 (18/7)  
Primrose Advance Trailers, 29\* (28/3)  
Mastiff VS Six-wheeler, 46\* (13/6)  
Productivity Schemes:—  
British Oxygen Company, 20 (21/2)  
Falmouth Transport Co. Ltd., 57 (4/4), 65 (18/4)  
RHA Statement, 26 (16/5)  
Proudlove, P., and Son, Licence Application, 42 (13/6)  
Public Road Transport Association, New Name for  
Public Transport Association, 33 (9/5),  
42 (6/6)  
Public Service Vehicles:—  
Annual Report of the Traffic Commissioners,  
30 (21/3)  
Buses, Standard, UIPT Congress Papers, 59 (9/5)  
British Coach Rally, 44\*, 45\* (25/4)  
Driver Training, RTTB Report, 37 (4/7)  
Heaters, KL, 21 (18/4)  
Independent Operations in Britain, Views of C. T.  
Dabell, 50, 51 (21/2)  
Metroliner: Repercussions on the Bus Oper-  
ating Industry, by Derek Moses, 70-72\* (6/6)  
MIRA Research Unit, 195 (20/6)  
National Coach Rally, 34 (18/4)  
One-man Bus Operation, Report by Norman  
Morton, 40 (13/6)  
"Passenger Transport in Great Britain, 1967",  
21 (28/3)  
Traffic Engineering and Public Transport, Paper  
by G. B. Parker, 46, 49 (25/4)  
Public Transport Association, Annual Conference,  
42, 56-58 (6/6), 40 (13/6)  
Name Changed to Public Road Transport  
Association, 33 (9/5), 42 (6/6)  
Pumps, Rotary, Stainless Steel, 64\* (11/7)  
Purle Group, Article by E. James Millen, 79\*, 80\*  
(7/2)  
Expansion, 41 (27/6)  
Licence Applications, 39 (25/4), 38 (27/6)

Q

Quay Trailers Ltd., New Plant, 32 (13/6)  
New Models, 43\* (14/2)  
Queen's Awards to Industry, 22 (25/4)

R

Rae, Thomas, and Sons, Licence Application,  
39 (27/6)  
Ratcliffe-Locomotors Aircraft Loader, 41\* (27/6)  
Rates, RHA Advises Review, 41 (7/3)  
Reclamation and Disposal Exhibition and Con-  
ference, 29\* (18/7)  
Records Systems, Article by J. P. B. Sherriff, 76,  
77 (7/3)  
Recovery Vehicles, Dial-Holmes, 38\* (23/5); Holmes  
500, 72\* (18/4)  
Red House Garage Co. Ltd., Licence Application,  
196 (20/6)

\*Illustrations

Redland Ltd., Transport Operations, 99-102\* (4/7)  
Reed, P. W., Paper on Costing, 79 (6/6)  
Rees Concrete Co., Licence Suspension Inquiry,  
49 (6/6)  
Refrigerated Vehicles, Blox, 37\* (13/6); Wall's  
Polarstream, 40\* (21/3)  
Refrigeration Equipment, Hubbard Model 400,  
56\* (2/5)  
Refuse Packer, Powell Duffryn Powermite, 63\* (30/5)  
Reliant 21E Supervan, 20\* (4/4)  
Relyon Contracts, Licence Suspension Inquiry,  
45 (13/6)  
Rexco Transport Operations, 53-55\* (28/3)  
Rhymney Transport Services Ltd., Licence Suspension  
Inquiry, 42 (14/3)  
Richards, Chas., (Tours) Ltd., Licence Application,  
30 (25/7)  
Ridley, Dr. Tony M., Appointed Director-General,  
Tyneside PTE, 29 (6/6)  
Road Haulage Association:—  
Annual Report, 20 (25/4)  
Caravan Group, 37 (7/2)  
Conference Changes, 26 (18/4)  
Dermurage Scale Proposals, 186 (20/6)  
Goods-in-transit Insurance Policy, 24 (9/5)  
Industrial Relations Officer, 20 (14/2)  
Security Officer, 39 (21/3)  
Statement on Productivity, 26 (16/5)  
Subscription Increase, 21 (23/5)  
Ten-point Security Programme, 26 (18/4)  
Tipping Convention, 56-58\* (9/5)  
Words "Free Enterprise Road Transport"  
Dropped, 40, 41 (7/3)  
Road Haulage Wages Council, Commission of  
Inquiry, 28 (6/6)  
Road Research Laboratory, Report on Antilok,  
37 (21/2)  
Road Tests:—  
Annual Review, by A. J. P. Wilding, 76-78\*,  
82-84\* (2/5)  
AEC Marshal 24-ton-gross Eight-wheeler, 40-44\*  
(4/4)  
AEC Mercury 16-ton-gross Four-wheeler, 208-  
210\*, 213\*, 214\* (20/6)  
Atkinson/York 42-ton-gross Five-axle Artic,  
40-43\* (21/2)  
Austin 8-ewt. Van, 36-38 (30/5)  
BMC EA 3-5-ton-gross Diesel Van, 69-71\* (7/3)  
BMC Mastiff 16-ton-gross Truck, 48-52\* (21/3)  
BMC Mastiff Pitt 26-ton-gross Artic, 38-40\*,  
43, 44\* (25/7)  
Dennis FDU Ambulance, 52-54\*, 57\* (13/6)  
Ford R226 Duple 53-seat Coach, 86-88\*, 97,  
98\* (4/7)  
Guy Big J 16-ton-gross Four-wheeler, 52-54\*,  
59\*, 60\* (25/4)  
Leyland/Park Royal Atlantic Double-decker  
Bus, 58-60\*, 63 (16/5), 55 (6/6)  
Mercedes-Benz 0-302 44-seat Coach, 40-42\*,  
47\* (28/3)  
Scania LBS110 38-ton-gross Artic, 44-48\* (14/2)  
Road Transport Industry Training Board:—  
Management Training, 153, 154 (2/5)  
Motec, 1, 47-49\*, 59, 60 (28/2); Motec 2, 29 (11/4)  
Report on Training the p.v. Driver, 37 (4/7)  
SBHATA Criticisms, 13 (30/5), 69 (6/6)  
Three-tier Levy, 28 (11/4), 185 (20/6), 23 (11/7)  
Yorkshire Centre, 186 (20/6)  
"Road and Workshop" Series:—  
Combustibles and Spontaneous Heating, 53  
(11/4), 43 (18/4), 42 (25/4), 59 (2/5), 42 (9/5),  
44 (16/5)  
Loads and Forces, 40 (23/5), 28 (30/5), 55 (6/6),  
47 (13/6), 199 (20/6), 42 (27/6), 46 (4/7),  
37 (11/7), 44 (18/7), 32 (25/7)  
Manpower, Maintenance and the MoT, 53 (7/2),  
43 (14/2), 38 (21/2), 32 (28/2), 58 (7/3),  
51 (14/3), 42 (21/3), 30 (28/3), 39 (4/4),  
53 (11/4)  
Road-Air Cargo Express Ltd., 26 (18/7)  
Roads:—  
"Basic Road Statistics", 26 (18/7)  
Blocks, Noltak, 105 (7/2)  
BRF Criticisms of MoT, 30 (13/6)  
BRF Proposals Rejected, 18 (4/4)  
German Programme, 19 (4/4)  
Motorway Maintenance, Article by Ashley Taylor,  
79\* 80\*, 83\*, 90 (13/6)  
New Inter-Urban Plan, 15\* (28/3)  
Scottish Investment Programme, 14 (28/3)  
Roberts, D., Licence Application, 51 (7/3)  
Roe Fleetline Double-deckers, 27\* (25/7)  
Roll-over Risks, Article by R. D. Carter, 56-59\* (18/4)  
Roway Engineering Co. Ltd., 45 ft. Steerable Trailer,  
32\* (4/4)  
Roof Rack, Desmo 4003, 103\* (13/6)  
Roofs, Plastics, Rydgeway, 60\* (30/5)  
Rope Cleats, Clamcleats, 73 (18/4)  
Ropes, Load Securing, British Ropes Ltd., 79\*,  
80\* (4/7)  
Rounding, Maurice, Article on Freight Salesmen,  
56-58 (27/6)  
Rover Land-Rover, 21st Anniversary, 52\* (11/4),  
63\* (25/4); Yugoslav Order, 63 (25/4)  
Rowe Transport Ltd., Licence Suspension Inquiry,  
37 (21/3)  
Royal Show, 32\* (4/7)  
Rubbolite Rear Lamps and Reflectors, 67\* (25/7)  
Rubery-Owen M-series Trailer Suspension, Overhaul,  
9-100\* (7/3)  
Rockwell Metric Axle, 25\* (14/3)  
Rumania-UK Transport Agreement, 31 (27/6)

Rust Remover, Simoniz, 63 (11/7)  
Ryland Vehicle Group Ltd., Tanker Show, 46\* (13/6)

## S

Sadler and Co. (Transport) Ltd., Article by Roger Howell, 81\* (8/2) (7/2)  
Safety: Electrical Dangers in Workshops, 78 (7/3)  
Safety Belts, Legal Requirements, 40, 82 (6/6)  
Sand and Ballast Hauliers and Allied Trades Alliance, Negotiations with Ministry, 40 (7/3)  
Sandown Camping Holidays Ltd., Tours, 48\*, 49\* (4/4)  
Sandown Tours (Burnley) Ltd., Licence Application, 28 (4/4), 43 (7/2)  
Sayers, C. W., Transport Services Ltd., Milk Operations Inquiry, 23 (28/3)  
Scammell Specification Tables, 47-49 (20/6)  
Scania-Vabis Guide to Safe Loading, 55-59\* (21/3)  
LB80, 13\* (28/3), 40\* (18/7)  
LBS11, 38-ton-gross Artic, Road Test, 44-48\* (14/2)  
Scotford, R. V. and R. S. J., Licence Application, 39 (9/5)  
Scottish Bus Group, Glasgow Transport Undertaking Take-over Offer, 49 (7/3)  
Scottish Commercial Motormen's Union-TGWU Merger Talks, 20 (25/4)  
Scottish, English and Welsh Wool Growers Ltd., Licence Suspension Inquiry, 38 (18/7)  
Scottish Gas Board, Code of Practice, 93 (13/6)  
Special Bedford Vehicle, 186\* (20/6)  
Scottish Materials Handling Exhibition, 29 (16/5), 52-57\* (23/5)  
Scottish Omnibus Ltd., Licence Application, 31 (21/2)  
Scottish Road Passenger Transport Association, Conference, 46, 49 (25/4)  
Scunthorpe Bus Terminal, 28\* (21/2)  
Seat, Willibald Grammer, 67\* (4/4)  
Seat Belts, see Safety Belts  
Security Express Courier Parcels Service, 20 (23/5), 35 (4/7)  
Seddon Golden Jubilee, 40 (25/4)  
New Bus Factory, 29 (21/2)  
New 6-4 Chassis, 32\* (28/2)  
Pennine IV Buses, Gosport and Fareham Omnibus Co. Ltd., 32\* (14/3)  
Pennine R.U. Chassis, 38-40\* (28/2)  
Shale and Slag Heaps, Rate Assessments, 29 (13/6)  
Sharp, Harry, Interview with Ashley Taylor, 64\* (2/5)  
Shell-Mex and B.P. Ltd., Haydock Terminal, 32 (13/6), 199\* (20/6)  
Sherriff, Iain, Articles by:—  
Allied Suppliers (Transport) Ltd., 64-66\* (4/7)  
British Vehicles in Turkey, 88-90\* (2/5)  
The Camion Chauffeur, 74-76\* (11/4)  
Charles Alexander and Partners Ltd., 79-81\* (20/6)  
ERF Operations in Jordan, 70-72\* (2/5)  
Hilton Transport Services, 50-52\* (18/7)  
Paperwork in Transport, 76, 77 (7/3)  
Speedy Delivery Services Ltd., 38-40\* (11/7)  
Transport Act in Action, 59 (14/2), 65 (11/4), 89 (13/6), 77 (4/7)  
Turkish Trading and Transport Co., 58-60\* (11/4)  
Slater, Peter, Ltd., Licence Suspension Inquiry, 39 (27/6)  
Slaven Fifth-wheel Coupling, 55\* (2/5)  
Sleeve Tubing, Universal, Enots, 61 (21/2)  
Slings, "W" Ribbons Ltd., 71\* (16/5)  
Smith, John, and Sons, Licence Application, 45 (13/6)  
Smith, Roy D., Paper on Re-organization of Bus Services in London, 48 (2/5)  
Smith's Cabac Milk Delivery Vehicle, 26\* (16/5)  
Smiths Industries Ltd., Tachographs Presentation, 32 (6/6)  
Smithfield Market, Vehicle Park, 36 (7/2)  
Soldering Gun, SKIL, 63\* (30/5)  
South Africa, Road Transport, 23 (23/5)  
South Wales Transport Co. Ltd., Heating/Ventilating System, 38 (4/7)  
Southern Vectis, Bristol LH 28\* (11/7)  
Speed Limits, Variations, 42 (6/3)  
Speedy Delivery Services Ltd., Article by Iain Sherriff, 38-40\* (11/7)  
Splitter Control Unit, Clayton Dewandre, 72\* (16/5)  
Stackers, Kelvin, 72\* (18/4)  
Starting Aid, Start Pilot VISO-F, 73 (27/6)  
Stephenson Clarke Industrial Services Payment to TGWU, 184 (20/6), 31 (27/6), 29 (4/7), 24 (18/7)  
Stewart, Harry, Interview with Ashley Taylor, 61\* (6/6)  
Stiller, G., (Transport) Ltd., Licence Application, 30 (11/7)  
Storey Bros. and Co. Ltd., Lorry Fire Court Case, 46 (7/3)  
Strachans, Superior Coach Corporation Agreement, 24 (9/5)  
16-seat Minibus, 22\* (30/5)  
Sudlows Carriers Ltd., Acquired by WCB Group, 22 (4/4)  
Sunderland Corporation, Passenger Accident Damages, 31 (4/4)  
Token System, Article by Derek Moses, 45, 46, 49\* (25/7)  
Superior Coach Corporation, Strachans Agreement, 24 (9/5)  
Swain Group Ltd., 21 (30/5)  
Swan, William, Ltd., Licence Application, 45 (11/4)  
Swingler, Stephen, Death, 21 (21/2)

## T

Tachographs: Article by David Lowe, 54-56\* (16/5); Article by Roger Howell, 57 (16/5); Paper by J. F. Moon, 29 (25/4); Adopted by EEC, 12, 13 (30/5); Smiths Industries Presentation, 32 (6/6)  
Tachometer, Diesel, Eldrautest, 102\* (7/2)  
Tail Lifts, Burtonwood Cleardeck, 42\* (27/6); Hippo, 69\* (21/3); Ratcliff, 99\* (13/6)  
Tankers:—  
Loads and Materials, 85-88 (7/2)  
Manufacturers, 76 (7/2)  
Stability: Gloster Saro Report, 54, 55 (7/2)  
Survey, 54 *et seq.* (7/2)  
Tappet Adjuster, SPQR, 161 (2/5)  
Tarpaulin, Tarvin, 61 (21/2)  
Tartan Arrow Parcels Service, 20 (23/5)  
Tasks Formula 5 Machinery Carrier, 26\* (30/5)  
Tay Bridge Tolls, 24 (18/7)  
Taylor, Ashley, Articles by:—  
Edbro Research and Development Department, 59\* (27/6)  
Harry Stewart, 61\* (6/6)  
Maintaining the Motorways, 79\*, 80\*, 83\*, 90 (13/6)  
Municipal Spotlight, 68 (9/5)  
Seddon Golden Jubilee, 40 (25/4)  
P. H. R. Turner, 18 (28/2)  
Taylors' Haulage, Licence Suspension Inquiry, 39 (25/4)  
Tecalemit Ltd.—Dennis Brothers Ltd., Proposed Merger Off, 29 (6/6)  
Temperature Controller, Rototherm, 63\* (11/7)  
Testing:—  
Certificate Holder, 102\* (7/2)  
New Regulations, 29 (11/4)  
Post-1967 Vehicles, 16 (30/5)  
Procedure, 23 (27/6)  
Results, 12\*, 13 (28/3), 194 (20/6)  
Simple Garage Equipment, Article by Paul Moody, 75\* (7/3)  
Standards, Article by E. James Millen, 113 (7/3)  
Thatcher, E. E., Licence Application, 32 (23/5)  
Thefts: Anti-theft Devices, Ellis Valve Lock, 71 (21/3)  
RHA Security Programme, 26 (18/4)  
Thompson Trailmobile Coil Carrier, 198\* (20/6)  
Thornycroft Nubian Specifications, 49 (20/6)  
Tilbury Docks, Approach Road, 190 (20/6)  
Rail Services to be Withdrawn, 15 (30/5)  
Tilley, Norman H., Article on Containerization, 52-54\* (28/2)  
Timber Grab, GFT, 101\* (13/6)  
Haulage, Forestry Commission Exhibition, 37\* (13/6)  
Tipping: Load Indicator, Milshaw, 24 (4/4)  
RHA Convention, 56-58\* (9/5)  
Trailers:—  
Manufacturers, 101 (2/5)  
RM, 71 (27/6)  
Suspension, Overhauling the Rubery-Owen M-series, 98-100\* (7/3)  
Vans, by P.A.C. Brockington, 60-63\* (4/7)  
Training, see Road Transport Industry Training Board and Driving  
Transport Act, BIT Seminar, 187 (20/6), 24 (27/6); Freight Transport Association Conferences, 62-64 (7/3); 18 (28/3); Freight Transport Association Courses, 31 (6/6)  
"Transport Act in Action" Series, 59 (14/2), 45 (28/2), 63 (14/3), 31 (28/3), 65 (11/4), 64 (2/5), 63 (25/3), 61 (6/6), 89 (13/6), 77 (4/7)  
Transport Association, Article by David Lower, 42-44\* (30/5)  
Transport Development Group Ltd., Annual Statement, 21 (4/4)  
Acquire McPhersons Transport, 26 (18/7)  
Results, 24 (21/3)  
Views of P. S. Henman, 221, 222 (20/6), 65, 66 (27/6)  
Transport and General Workers Union, Bi-annual Conference, 24 (18/7)  
Relations with Midlands Haulage Firms, 184 (20/6), 31 (27/6), 29 (4/7), 24 (18/7), 17-19 (25/7)  
SCMU Merger Talks, 20 (25/4)  
Transport Holding Company, Annual Report, 16, 22, 59, 60 (25/7)  
Transport (London) Bill, 41, 51 (7/3), 31 (14/3), 32 (25/4), 21 (23/5), 38 (13/6), 31 (18/7)  
Transport Manager's Licences, 43 (7/3), 63 (4/4), 92 (11/4), 69 (18/4), 72 (25/4), 28, 29 (13/6), 25 (27/6)  
Transporter Industry, PIB Report, 23 (21/2)  
Trolley Bus, 1952 West German Single-decker, 195\* (20/6)  
Turbines, see Gas Turbines  
Turin Show, 46-52\* (18/4), 50\*, 51\*, 60 (25/4)  
Turkey, British Vehicles in, by Iain Sherriff, 88-90\* (2/5)  
Turkish Trading and Transport Co., Article by Iain Sherriff, 58-60\* (11/4)  
Turner, P. H. R., Interview with Ashley Taylor, 18 (28/2)  
NFC Appointment, 20 (21/2)  
Tyres:—  
Inflator, Wymark, 72 (27/6)  
Kelly-Springfield KR -300 Radial, 69\* (25/7)  
Law, 66 (14/2)  
Radial, Fyffes Group Experience, 28 (30/5)  
... Radial Remoulds, Vacu-lug, 66 (4/4)  
Safety Campaign, 50 (6/6)  
Sealing to Wheel Rim, 101 (13/6)

\*Illustrations

## U

UITP Congress, 42 (11/4), 38 (16/5), 31 (23/5)  
Ulster, RTTB Centre, 25 (27/6)  
RTTB Management Training, 57 (21/2)  
Ulsterbus Ltd., Depot Fire, 195 (20/6)  
Results, 1968/69, 32 (27/6)  
USA:—  
Container Handling Problems, 38 (7/2)  
Container Statistics, 55 (18/7)  
Driver Competency Proposals, 24 (27/6)  
German Transport Liaison, 23 (27/6)

## V

Vacuum Cleaners, Dustbpane, 60\* (30/5); Unicraft Shop-Vac, 71 (18/4)  
Valves, Tanker, Drum, 66 (25/7)  
Ventilation Unit, KL, 59 (21/2)  
Viberti 80,000 litre Tanker Semi-trailer, 38\* (18/4)  
Volvo 88 Series Double-drive Versions, 24 (4/4)

## W

Wages:—  
BRS Productivity Agreement, 28 (6/6)  
Bus Industry Maintenance Workers, NCOI Award, 53 (21/2)  
Company Busmen, 25 (18/4), 29 (11/7), 27 (25/7)  
London Transport Bus Maintenance Workers, 32 (14/2)  
London Transport Busmen, 21 (30/5), 29 (11/7), 32 (18/7), 27 (25/7)  
Municipal Busmen, 42 (6/6)  
Road Haulage, 23 (11/7), 23 (18/7)  
South Yorkshire Hauliers, 38 (7/2)  
Walker Fineline 12-seater Coach on Transit Chassis, 33\* (18/4)  
Walker Bros. Ltd., Appeal, 32 (21/3)  
Wall's Polastream Refrigerated Vehicles, 40\* (21/3)  
Wallace Arnold Tours Ltd., Licence Application 48 (6/6)  
Wandsworth, Mechanized Street Cleaning, 65-67\* (13/6)  
Warman, C. R., Paper on Planning for Public Transport, 56-58 (6/6)  
Washing Equipment, Applied Chemicals Wizard, 65\* (25/7); C. P. Equipment, 65\* (4/4); Dawson, 101\* (13/6); Hasel Unikart, 71 (18/4); Jaco Automatic, 23\* (30/5); Langley Royalette, 61\* (21/2); Lister, 71 (18/4); Rayman Ace Mark III, 161\* (2/5); Walkers, 69\* (4/4); Wickman Lightning, 69\* (25/7); Will High-pressure, 72\* (16/5); Wilcomatic, 66\* (25/7)  
Waste Disposal Conference, 29\* (18/7)  
Water Level Check, 162 (2/5)  
Watt, Brian, Transport Ltd., TIR Business, 31\* (11/4)  
Weighbridges, Portable, Davall Autoweigh, 41\* (25/4), 55 (2/5); Hawker Siddeley Check-weight Mk. 3, 50 (6/6); Weighwrie, 31\* (16/5)  
Weighing and Overloading, Freight Transport Association Memorandum, 69, 70 (25/4)  
West Riding Automobile Co. Ltd., Fares, 27 (4/4), 44 (11/4), 36 (18/4)  
Fleetline Double-deckers, 27\* (25/7)  
West Yorkshire Road Car Co. Ltd., Licence Application, 49 (6/6)  
Western Express Haulage Ltd., Licence Application, 29 (25/7)  
Western Machinery and Equipment Co. Ltd., PAM Grain Pump, 28\* (28/3)  
Western Welsh Omnibus Co. Ltd., Proposals for Attracting Traffic, 21 (14/2)  
Wheel Alignment Gauges, Survey, 83-85\* (7/3)  
Wheelnut Wrench, Alchin Plarad XVK, 59\* (30/5)  
Whippet Coaches Ltd., Golden Jubilee, 41 (14/3)  
Widnes, Fares, 29 (28/2)  
Wilcox Lightweight Tipping Body, 55\* (6/6)  
British Leyland Gas Turbine Truck Plans, 67-70\* (20/6)  
Nice Semaine du Car, 27 (16/5), 66-69\* (23/5)  
Road Test Annual Review, 76-78\* 82-84\* (2/5)  
Williams Motor Group, Deansgate 16 Coach, 25\* (28/2)  
Wills, John Spencer, Knighthood, 185 (20/6)  
Windscreen, Temporary, Coach, 161\* (2/5)  
Wiper Controls, Auto Wipe, 105 (7/2); Implex, 72 (27/6)  
Wipers and Washers, Law, 92 (11/4)  
Windsor-Smith, C. P., 27\* (11/7)  
Wolverhampton, Sikh, Turbans Band, 43 (11/4)  
Wood, Jack, Address to Transport Managers' Club, 26 (14/3)  
Wreckers, see Recovery Vehicles  
Wrexham and Flintshire Group Transport Training Association, 23 (14/2)  
Wright, C., and Son, Licence Application, 40 (16/5)  
Wright and Co. Ltd., Licence Application, 52 (2/5)  
W.S.T. Transport, Licence Application, 39 (18/7)

## Y

York Bulk-tipping Container, 29\* (18/4), 25\* (23/5)  
Dockspotter Lifting Fifth-wheel Coupler, 51\* (11/4)  
Freightmaster Refrigerated Trailer Van, 52\* (2/5)  
Neville Tandem-Dump Export Packs, 27\* (30/5)  
Open-top Container, 29\* (14/3)  
SL 26 Semi-trailer, 40\* (27/6)

*Printed in England by James Cond, Birmingham and London*